

Appl. No.: 10/630,129
Amdt. Dated: 01/18/06
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Amendments to the Specification:

Please replace paragraph [0026] with the following amended paragraph:

[0026] In a preferred embodiment, an Ethernet streaming video source 36 provides an Ethernet streaming video signal to the Ethernet streaming video interface 30 which converts the Ethernet streaming video signal to a compressed digital video data signal and sends the data signal to the SRS module 28. The SRS module 28 can control the Ethernet streaming video interface 30 using an Ethernet streaming video control API that is sent to the Ethernet streaming video interface 30. As further shown in FIG. 1 FIG. 1A - 1B, a hard disk drive such as an audio/visual hard disk drive (AV HDD) 38 can provide a compressed digital video data signal to the PVR/File playback module 32. Preferably, the PVR/file playback module 32 sends a compressed digital video data signal to the SRS module 28. Operation of the PVR/file playback module 32 can be controlled by a PVR control API sent to the PVR/file playback module 32 by the SRS module 28. It can be appreciated that other sources can provide content to the SRS module 28. For example, these sources can include an iLink source, a memory stick, an audio/visual (AV) source, or any other media source.

Please replace paragraph [0029] with the following amended paragraph:

[0029] It is to be understood that, in a preferred embodiment, the streaming module interface package 40 uses these APIs to control the respective modules to which they are sent, i.e., the RTSP/RTP streaming module 44, the HTTP streaming module 46, and the UDP streaming module 48. Further, in a preferred embodiment, for each compressed digital video data signal received at the RTSP/RTP streaming module 44, the HTTP streaming module 46, and the UDP streaming module 48 the data is packetized and time stamped to yield a packet stream that can then be sent, or

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streamed, to one or more of the NDTs 20 via the network 18 using a selected internet protocol (IP), as described below.

Please replace paragraph [0030] with the following amended paragraph:

[0030] FIG. 1A - 1B further shows that the RTSP/RTP streaming module 44, the HTTP streaming module 46, and the UDP streaming module 48 are connected to the network 18. As shown, RTSP/RTP commands can be sent between the RTSP/RTP streaming module 44 and one or more of the NDTs 20 via the network 18. Additionally, a packet stream, containing packetized data, can be sent from the RTSP/RTP streaming module 44 to one or more of the NDTs 20 via the network 18. Preferably, HTTP commands can be sent between the HTTP streaming module 46 and one or more of the NDTs 20 via the network 18 and a packet stream can be sent to one or more of the NDTs 20 from the HTTP streaming module 46. Moreover, UDP commands can be sent between the UDP streaming module 48 and one or more of the NDTs 20 via the network 18 and a packet stream can be sent to one or more of the NDTs 20 from the UDP streaming module 48. As further shown in FIG. 1A - 1B, UPnP commands can be sent between the UPnP software stack [[46]] 42 and one or more of the NDTs 20 via the network 18. It is to be understood that universal resource locators (URLs) can be obtained through UPnP commands from the NDTs 20 and can then be returned to the NDTs 20 via RTSP/RTP or other requested streaming protocol, i.e., HTTP or UDP.

Please replace paragraph [0032] with the following amended paragraph:

[0032] Referring now to FIG. 2, the operating logic of the present invention is shown. It will be appreciated that the operating logic would typically be implemented in software that is executable on a microcomputer or the like. In the embodiment shown, the

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process commences at block 100 with a do loop, wherein when a UPnP request for a stream from an NDT 20 is received at the stream controller 14, the following steps are performed. Thereafter, at block 102, a stream source is selected using the SRS control API sent from the streaming module interface package 40 to the source route selection module 28. Continuing to block 104, data from the selected source is routed to the stream controller 14, specifically to the streaming module interface package 40. At block 106 a stream module is selected based on the selected streaming protocol. At block 108 [[106]], a connection with an NDT 20 is established, e.g., via one of the modules 44, 46, 48 within the streaming library 16 and the network 18. Accordingly, the connection can be made via RTSP/RTP, HTTP, or UDP.